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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/817,246	04/02/2004	Kok Wai Chan	MS#307521.01 (5107)	3039
38779 7590 09/14/2007 SENNIGER POWERS (MSFT) ONE METROPOLITAN SQUARE, 16TH FLOOR ST. LOUIS, MO 63102			EXAMINER KANE, CORDELIA P	
			ART UNIT 2132	PAPER NUMBER
			NOTIFICATION DATE 09/14/2007	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

uspatents@senniger.com

MN

Office Action Summary	Application No.	Applicant(s)	
	10/817,246	CHAN ET AL.	
	Examiner	Art Unit	
	Cordelia Kane	2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 April 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>See Continuation Sheet</u> . | 6) <input type="checkbox"/> Other: _____ |

Continuation of Attachment(s) 3). Information Disclosure Statement(s) (PTO/SB/08), Paper No(s)/Mail Date :4/1/2004,6/7/2004, 1/16/2006, 1/30/2006, 4/19/2006, 7/17/2006, 10/6/2006, 11/9/2006, 12/20/2006, 5/7/2007, 6/8/2007, 6/21/2007, 7/11/2007.

DETAILED ACTION

1. This action is responsive to the non-provisional application filed on April 2, 2004.

Claims 1 – 22 are pending. Claims 1, 9, 11, 17, 18 and 22 are independent.

Specification

2. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Rejections - 35 USC § 101

3. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

4. Claims 18 – 22 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The claims fail to place the invention squarely within one statutory class of invention. On page 17, paragraph 56 of the instant specification, applicant has provided evidence that applicant intends the "medium" to include signals. As such, the claim is drawn to a form of energy. Energy is not one of the four categories of invention and therefore this claims are not statutory. Energy is not a series of steps or acts and thus is not a process. Energy is not a

physical article or object and as such is not a machine or manufacture. Energy is not a combination of substances and therefor not a composition of matter.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1 – 22 are rejected under 35 U.S.C. 102(b) as being anticipated by Xu et al's US Publication 2002/0004773 A1. Referring to claims 1 and 18, Xu teaches:

- a. Retrieving revoked certificate data from a plurality of certificate issuers, and storing the revoked certificate data in a central location (page 3, paragraph 45).
- b. Receiving a request from a user for access to the web including a user certificate, and comparing the user certificate data to the revoked certificate data stored in the central location (page 6, paragraph 96).
- c. Selectively authenticating the user as a function of the comparing (page 1, paragraph 3).
- d. Providing the user access to the requested web services once the user is authenticated (page 1, paragraphs 2-3).

7. Referring to claims 2, and 19, Xu teaches wherein the user certificate data includes a unique identifier and authenticating the user includes determining whether

Art Unit: 2132

the unique identified included with the request corresponds to the revocation list (page 4, paragraph 55).

8. Referring to claims 3 and 20, Xu teaches that the user certificate data includes an expiration date (page 1, X509 Certificate Table, Validity Period) and wherein determining whether the expiration date is prior to the current date or after the current (page 1, paragraph 5), and providing authenticated user access to the requested web service when the expiration date is determined to be after the current date (page 6, paragraph 96).

9. Referring to claims 4, and 21, Xu teaches identifying an address from the user certificate data, said address identifying the location of the revoked certificate list, and retrieving the revoked certificate data from the location (page 5, paragraph 73).

10. Referring to claim 5, Xu teaches wherein the identified address is a URL corresponding to a web service storing revoked certificate data (page 5, paragraph 73).

11. Referring to claims 6 and 16, Xu teaches comparing user certificate data to stored certificate data to identify a new list of addresses corresponding to a plurality of different revoked certificates (page 4, paragraph 62).

12. Referring to claim 7, Xu teaches identifying the address includes identifying the location of a certificate revocation list (page 5, paragraph 73).

13. Referring to claim 8, Xu teaches wherein retrieving includes retrieving revoked certificates previously stored in the central location (page 3, paragraph 41).

14. Referring to claims 9 and 22, Xu teaches:

- e. Retrieving the stores revoked certificate data from the central location, and determining an update time for each of the one or more certificate issuers, said update time specifying a time updated revoked certificate data is published (page 4, paragraph 53).
 - f. Organizing the retrieved revoked certificate data in a sequence according to the determined update time (page 4, paragraph 58).
 - g. Identifying an address of each of the one or more certificate issuers from the retrieved revoked certificate data (page 4, paragraph 53).
 - h. Retrieving additional revoked certificate data from the identified addresses according to update times (page 3, paragraph 40 and 47).
15. Referring to claim 10, Xu teaches wherein determining the update times includes parsing the retrieved revoked certificate data, and the identifying address of a certificate issuer includes parsing the revoked certificate to identify a URL (page 4, paragraph 53).
16. Referring to claim 11, Xu teaches:
- i. A central database (page 1, paragraph 12).
 - j. A fetching server to retrieve the revoked certificate data from a plurality of certificate authority servers (page 1, paragraph 12).
 - k. An authentication server with a certificate revocation provider loads revoked certificate data to determine if the client request is authentic (page 6, paragraph 96).
17. Referring to claim 12, Xu teaches examines an expiration date included in the revoked certificate data to determine if the client is authorized to access the requested

service (page 6, paragraph 96). The certificate is determined to be revoked according to the expiration date included in the certificate (page 1, paragraph 5 and table 2).

18. Referring to claim 13, Xu teaches further examining the next update time to determine if the loaded revoked certificate data is the latest revoked certificate data (page 4, paragraph 53).

19. Referring to claim 14, Xu teaches that the fetching server includes a default address identifying the location of a certificate authority server and the fetching server retrieves the CRL from the certificate authority having the default address (page 4, paragraph 53).

20. Referring to claim 15, Xu teaches that the fetching server has a fetching table maintaining revoked certification data for a plurality of revoked certificates, and wherein revoked certificate data maintained in the fetching table identifies an address of a certificate authority server maintaining a list of revoked certificates (page 3, Table 1 and page 4, paragraph 53).

21. Referring to claim 17, Xu teaches:

l. A fetching server for identifying a list of addresses corresponding to a plurality of certificate issuers, said fetching server retrieving revoked certificate status data (page 4, paragraph 53).

m. A central database responsive to the retrieved revoked certificate status data for storing a list of revoked certificates (page 1, paragraph 12).

Art Unit: 2132

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cordelia Kane whose telephone number is 571-272-7771. The examiner can normally be reached on Monday - Thursday 8:00 - 5:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

CPK

Cordelia Kane
Patent Examiner
Art Unit 2132


Benjamin E. Lanner
Examiner AU 2132